

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 07/08/03 are:

A.  approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
B.  objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

<b>1. DRAWINGS.</b> 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).	<b>8. ARRANGEMENT OF VIEWS.</b> 37 CFR 1.84(i)
<input type="checkbox"/> Color drawings are not acceptable until petition is granted. Fig(s) _____	<input type="checkbox"/> Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
<input type="checkbox"/> Pencil and non black ink not permitted. Fig(s) _____	<b>9. SCALE.</b> 37 CFR 1.84(k)
<b>2. PHOTOGRAPHS.</b> 37 CFR 1.84(b)	<input type="checkbox"/> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
<input type="checkbox"/> One (1) full-tone set is required. Fig(s) _____	<b>10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS.</b> 37 CFR 1.84(l)
<input type="checkbox"/> Photographs may not be mounted. 37 CFR 1.84(e)	<input checked="" type="checkbox"/> Lines, numbers & letters not uniformly thick and well defined, clear, durable, and black (poor line quality). Fig(s) <u>1 - 4</u>
<input type="checkbox"/> Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____	<b>11. SHADING.</b> 37 CFR 1.84(m)
<input type="checkbox"/> Poor quality (half-tone). Fig(s) _____	<input type="checkbox"/> Solid black areas pale. Fig(s) _____
<b>3. TYPE OF PAPER.</b> 37 CFR 1.84(e)	<input type="checkbox"/> Solid black shading not permitted. Fig(s) _____
<input type="checkbox"/> Paper not flexible, strong, white, and durable. Fig(s) _____	<b>12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS.</b> 37 CFR 1.84(p)
<input type="checkbox"/> Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____	<input type="checkbox"/> Numbers and reference characters not plain and legible. Fig(s) _____
<b>4. SIZE OF PAPER.</b> 37 CFR 1.84(f): Acceptable sizes:	<input type="checkbox"/> Figure legends are poor. Fig(s) _____
<input type="checkbox"/> 21.0 cm by 29.7 cm (DIN size A4) or	<input type="checkbox"/> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____
<input type="checkbox"/> 21.6 cm by 27.9 cm (8 1/2 x 11 inches)	<input type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____
<input type="checkbox"/> All drawing sheets not the same size. Sheet(s) _____	<input checked="" type="checkbox"/> Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) <u>4</u>
<input type="checkbox"/> Drawings sheets not an acceptable size. Fig(s) _____	<b>13. LEAD LINES.</b> 37 CFR 1.84(q)
<b>5. MARGINS.</b> 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	<input type="checkbox"/> Lead lines missing. Fig(s) _____
<input type="checkbox"/> Margins not acceptable. Fig(s) _____	<b>14. NUMBERING OF SHEETS OF DRAWINGS.</b> 37 CFR 1.84(t)
<input type="checkbox"/> Top (T) _____ Left (L) _____	<input type="checkbox"/> Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____
<input type="checkbox"/> Right (R) _____ Bottom (B) _____	<b>15. NUMBERING OF VIEWS.</b> 37 CFR 1.84(u)
<b>6. VIEWS.</b> 37 CFR 1.84(h)	<input type="checkbox"/> Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.	<b>16. DESIGN DRAWINGS.</b> 37 CFR 1.152
<input type="checkbox"/> Views not labeled separately or properly. Fig(s) _____	<input type="checkbox"/> Surface shading shown not appropriate. Fig(s) _____
<b>7. SECTIONAL VIEWS.</b> 37 CFR 1.84(h)(3)	<input type="checkbox"/> Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____
<input type="checkbox"/> Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____	

### COMMENTS:

Reviewer SON LAM

If you have questions, call (703) 305-8404.

308-0366

Date 11/09/04

Attachment to Paper No. \_\_\_\_\_